		Exploring Aero	nautics
2008 Science Content Standards			
Grades 5-8			
Activity/Lesson	State	Standards	
			Effects of Motions and Forces: Students
			describe motion of an object by position,
		SCI.5-	direction, and speed, and identify the effects of
Wings(177-208)	WY	8.SC8.1.14	force and inertia on an object.
			Students explore how scientific knowledge
		SCI.5-	changes and grows over time, and impacts
Wings(177-208)	WY	8.SC8.3.1.1	personal and social decisions.
			Effects of Motions and Forces: Students
			describe motion of an object by position,
Airplane Control(209-		SCI.5-	direction, and speed, and identify the effects of
256)	WY	8.SC8.1.14	force and inertia on an object.
			Students explore how scientific knowledge
		SCI.5-	changes and grows over time, and impacts
The Resource Center	WY	8.SC8.3.1.1	personal and social decisions.
			Students explore the historical use of scientific
		SCI.5-	information to make personal and social
The Resource Center	WY	8.SC8.3.1.2	decisions.
		SCI.5-	Collect, organize, and analyze and appropriately
Science of Flight	WY	8.SC8.2.2.2	represent data.
		001.5	Drew constrains based on suidence and make
Colonno of Flight	1407	SCI.5-	Draw conclusions based on evidence and make
Science of Flight	WY	8.SC8.2.2.3	connections to applied scientific concepts.  Effects of Motions and Forces: Students
Intro to Aeronautics		SCI.5-	describe motion of an object by position,
(109-123)	WY	8.SC8.1.14	direction, and speed, and identify the effects of force and inertia on an object.
Intro to Aeronautics	VVI	SCI.5-	Collect, organize, and analyze and appropriately
(109-123)	WY	8.SC8.2.2.2	represent data.
(109-123)	VVI	0.300.2.2.2	Students explore the historical use of scientific
Intro to Aeronautics		SCI.5-	information to make personal and social
(109-123)	WY	8.SC8.3.1.2	decisions.
Scientific Method(124-		SCI.5-	Ask questions that lead to conducting an
144)	WY	8.SC8.2.2.1	investigation.
Scientific Method(124-		SCI.5-	Collect, organize, and analyze and appropriately
144)	WY	8.SC8.2.2.2	represent data.
177)	VVI	0.300.2.2.2	represent uata.
Scientific Method(124-		SCI.5-	Draw conclusions based on evidence and make
144)	WY	8.SC8.2.2.3	connections to applied scientific concepts.
,		0.000.2.2.0	Students explore how scientific knowledge
Scientific Method(124-		SCI.5-	changes and grows over time, and impacts
144)	WY	8.SC8.3.1.1	personal and social decisions.
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